

LIVERS

BRONZE

ALUMINUM
RAILINGS
SUNSHADES
GRILLES
PLAQUES
METAL LETTERS

1608
SOUTH MARSH
KANSAS CITY 26
MISSOURI

CHARLES EAST & COMPANY
4030 CHOUTEAU AVENUE
ST. LOUIS 10, MISSOURI — JE. 1-7793
— Steel and Engineering Products —

AGENTS FOR LIVERS BRONZE COMPANY

TEXAS—R. J. Dewees and Son, Inc.
Offices in: Dallas, San Antonio
(Sam Willis

Houston (Henry W.
Garrett & Co.
Lubbock

OKLAHOMA—Bissell Builders
Supply Co.

Offices in Oklahoma City and Tulsa

LOUISIANA—Harold Lipper Co.
of Shreveport

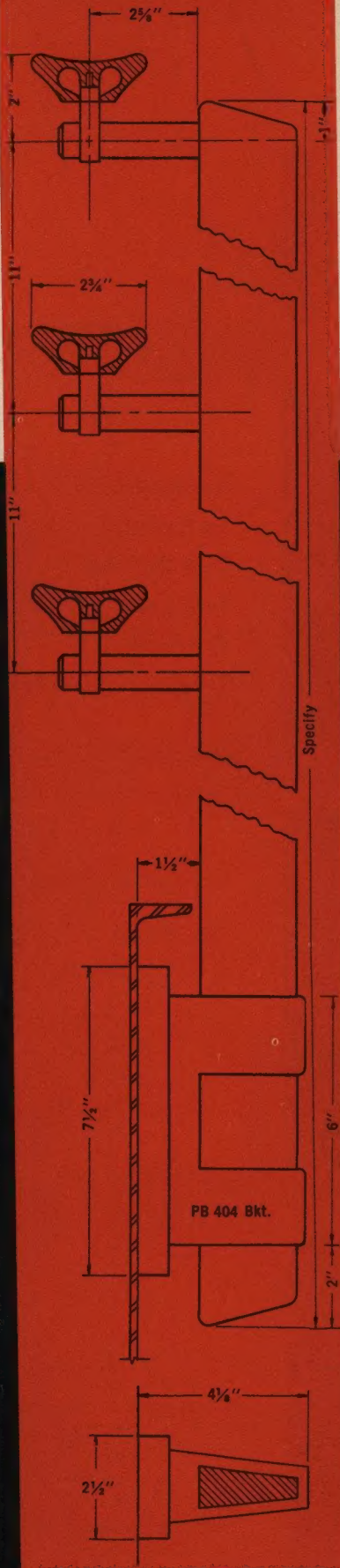
KANSAS—Topeka Builders
Supply, Inc. of Topeka

NEBRASKA—Pavich-Kohler Co.
of Lincoln

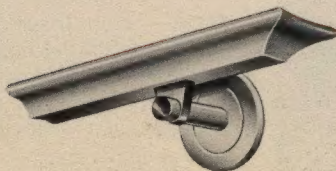
ARKANSAS—John F. Brett and Co.
of Little Rock

MISSOURI—Charles East and Co.
of St. Louis

ARCHITECTURAL
EXTRUDED ALUMINUM
RAILINGS
COMPETITIVELY
PRICED

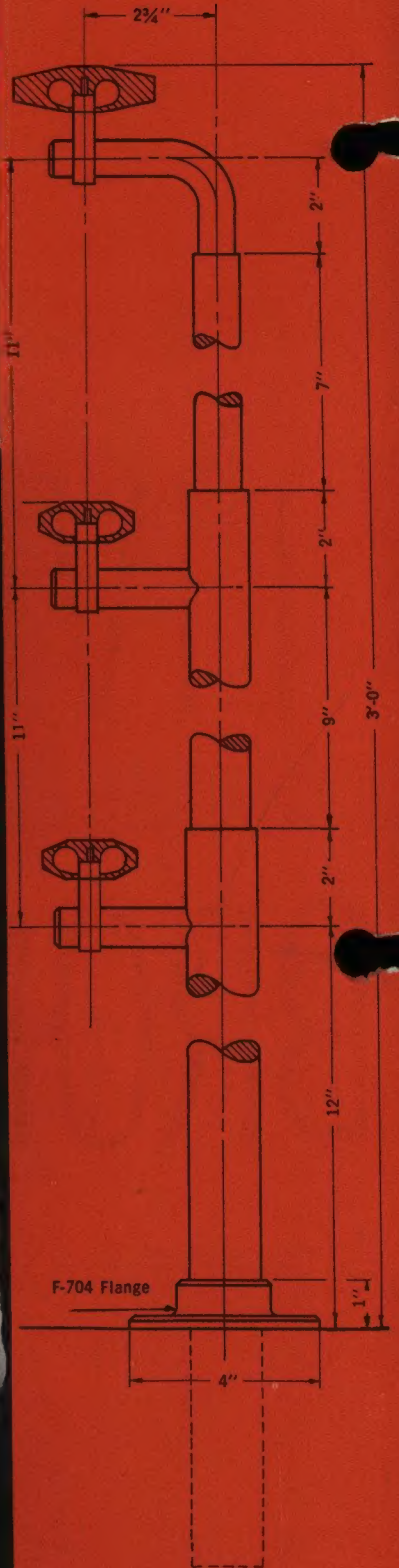
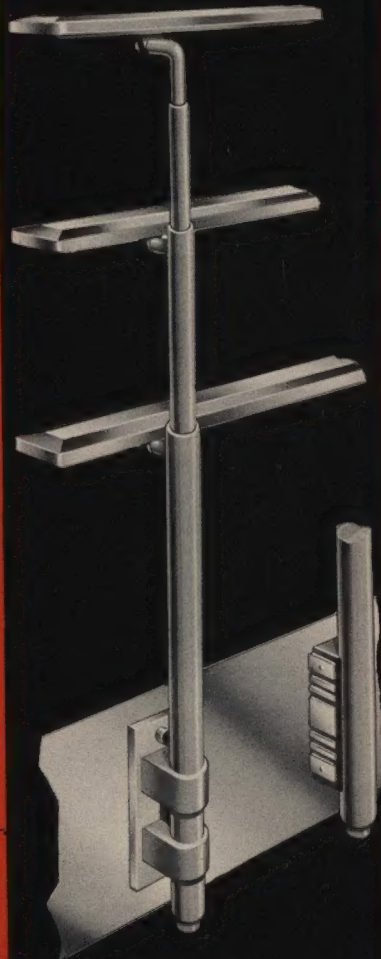


Scale 3" = 1'-0"

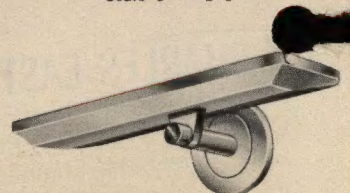


WB 1004 Bracket

SEE PAGE 7
FOR FULL SIZE
DETAILS OF
RAIL AND POST
SECTIONS



Scale 3" = 1'-0"



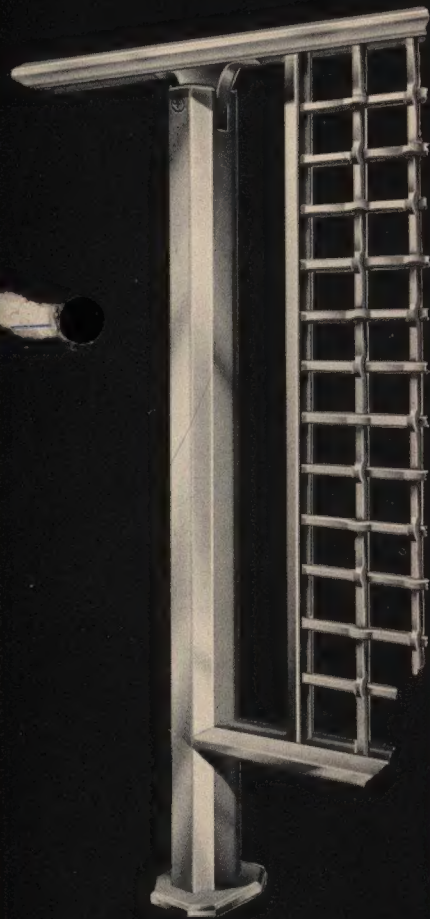
WB 1004 Bracket

R-104 RAIL
P-300 POST

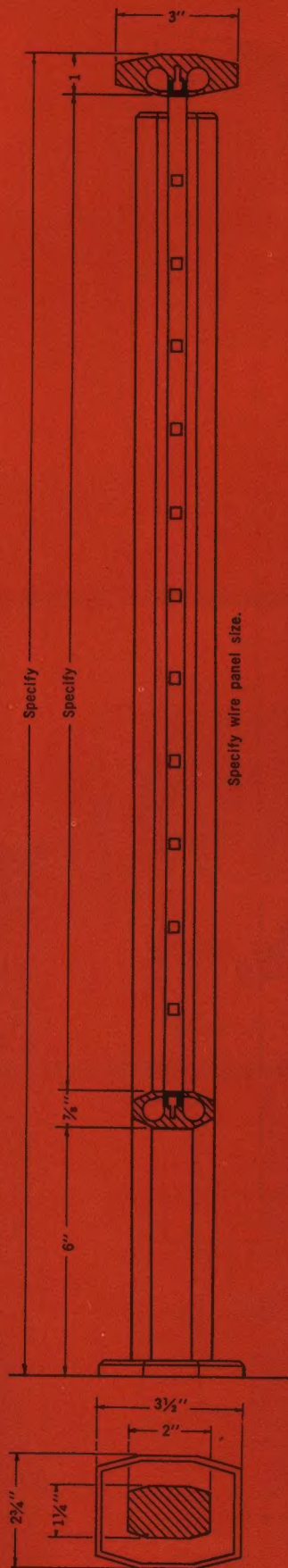
R-100 RAIL
P-304 STEP POST

**ARCHITECTURAL
EXTRUDED ALUMINUM
RAILINGS**

**COMPETITIVELY
PRICED**

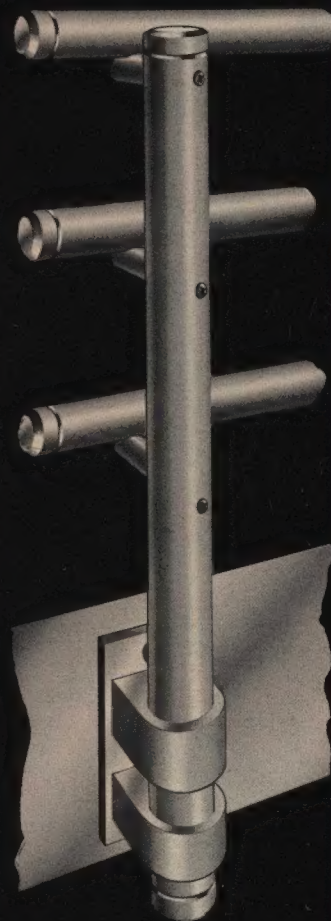


R-100 RAIL
P-301 POST

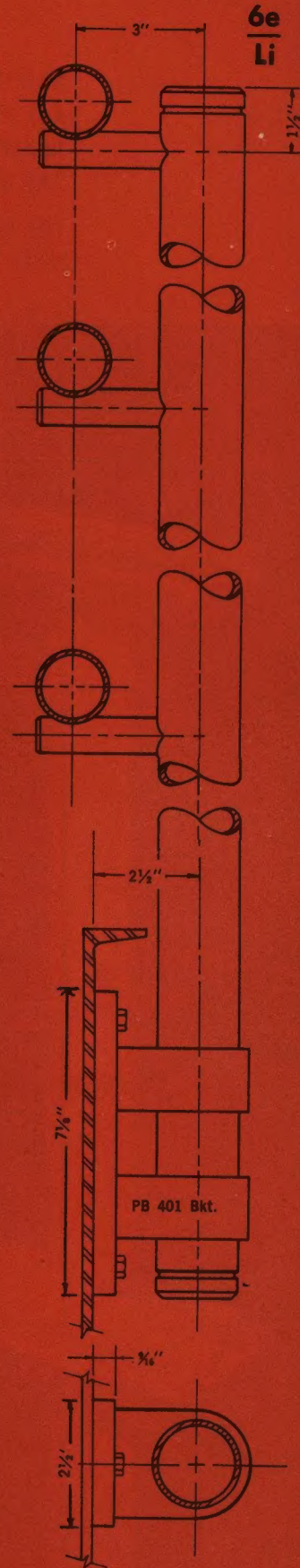


Scale 3" = 1'-0"

SEE PAGE 7
FOR FULL SIZE
DETAILS OF
RAIL AND POST
SECTIONS



RP-204 POST



Scale 3" = 1'-0"

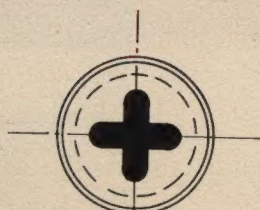


WB-1005

NEW 1959
ALL PURPOSE
ALUMINUM
RAILING WITH
THE PLUS
POST



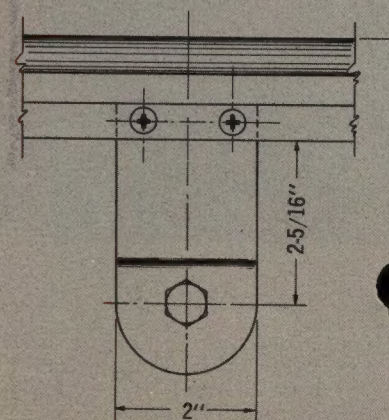
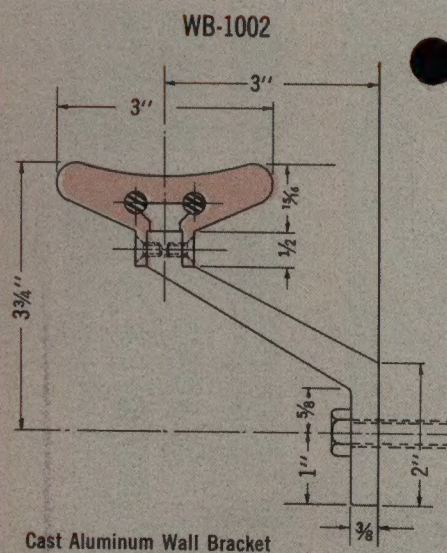
Scale 3" = 1'-0"



Flange F-702

It's new—strong,
exciting and versatile,
Livers Quality and
Livers Low-Cost.

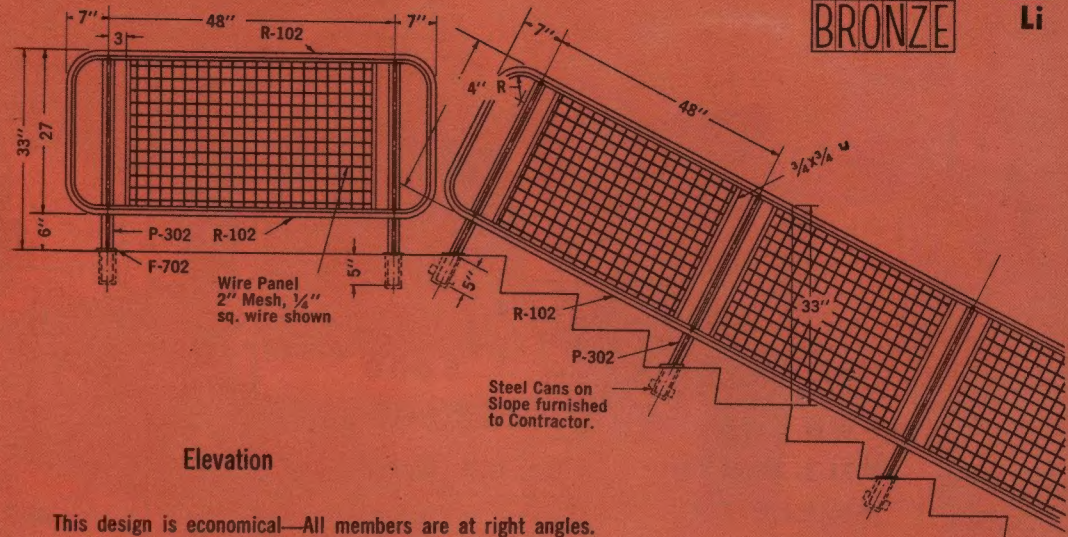
The Plus Post (P-302)
with **the Butterfly**
Hand Rail (R-102)



Front View

Scale: 3/8" = 1"

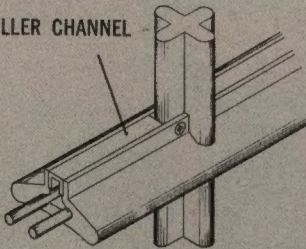
SUGGESTED APPLICATIONS



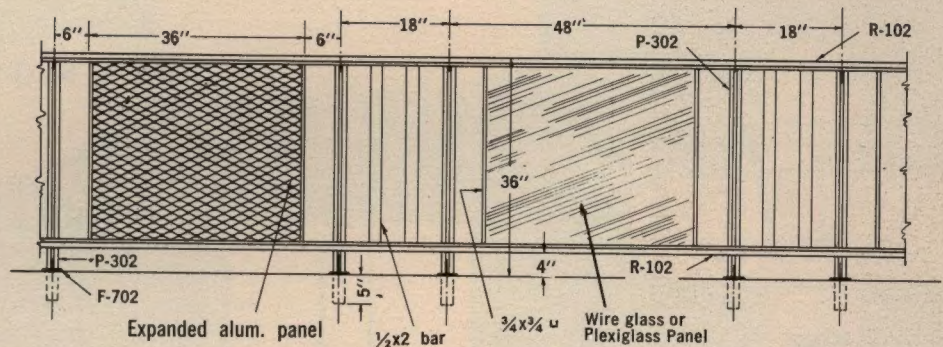
Elevation

This design is economical—All members are at right angles.

FILLER CHANNEL

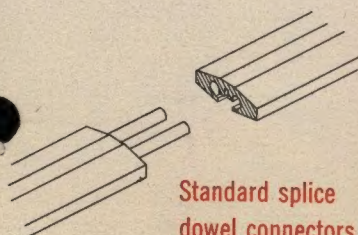
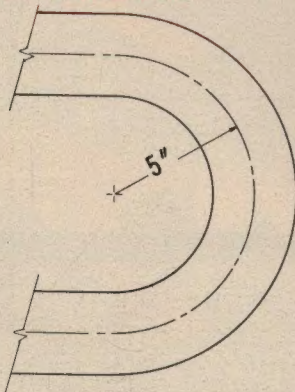


USE FILLER
CHANNEL WHEN
SLOT IS NOT USED.

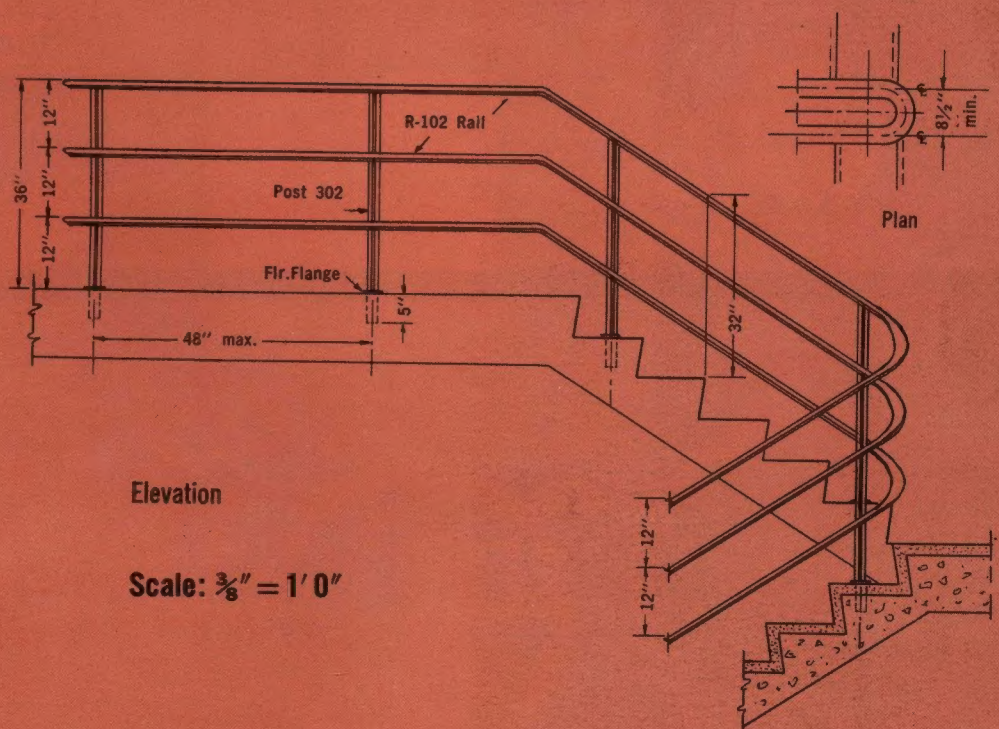


Elevation

Minimum Bend Radius
for all rail sections



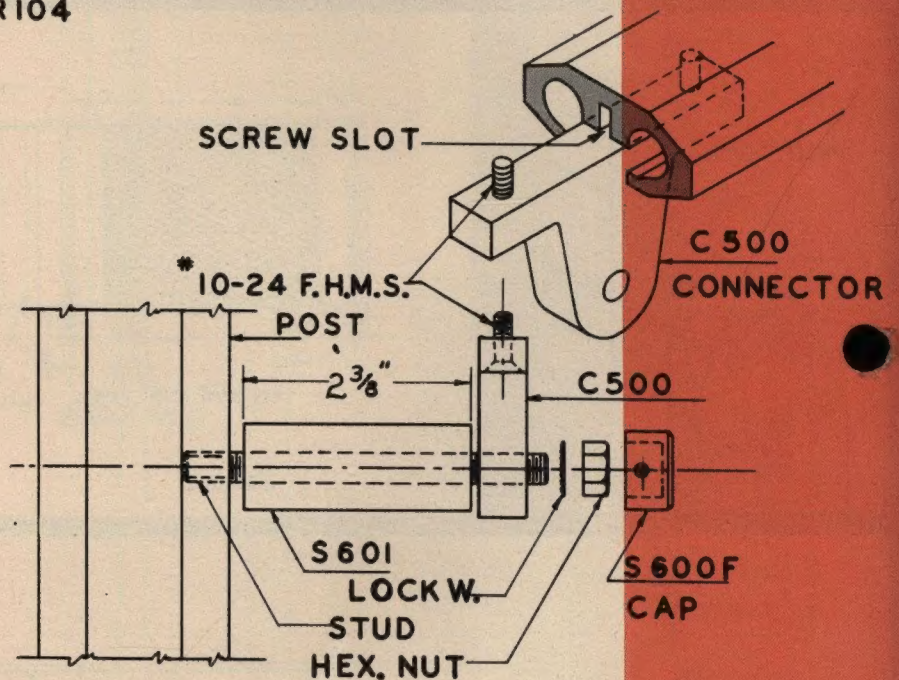
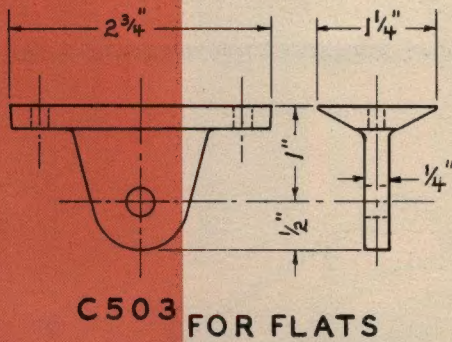
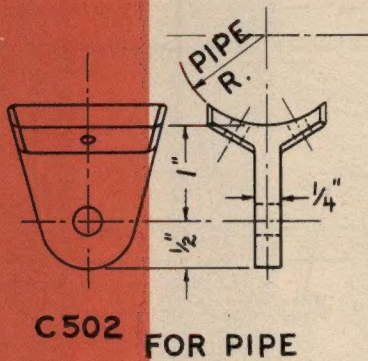
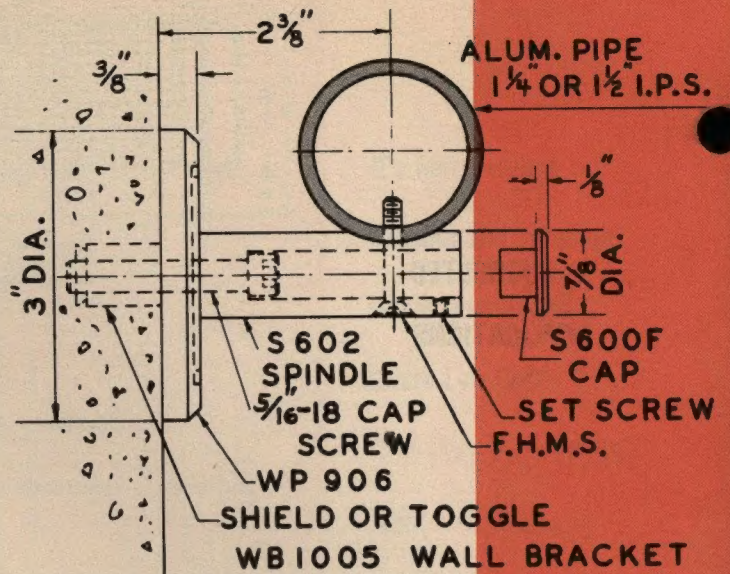
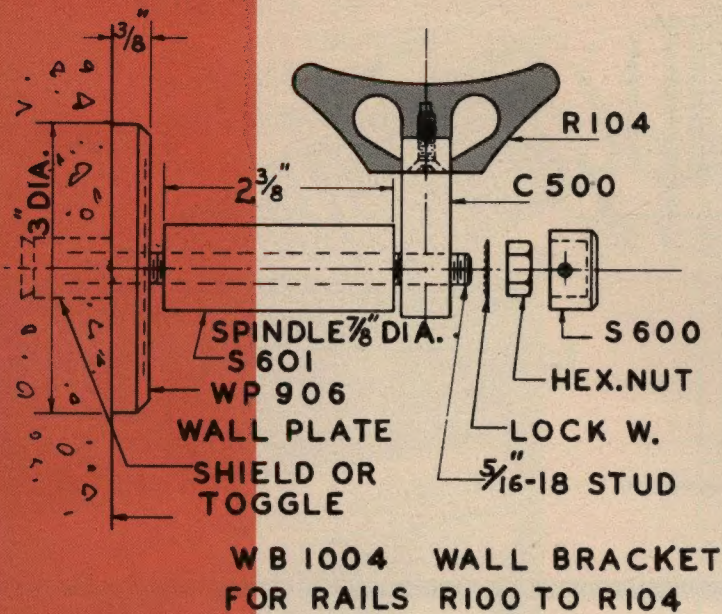
Standard splice
dowel connectors
for all rails.



Elevation

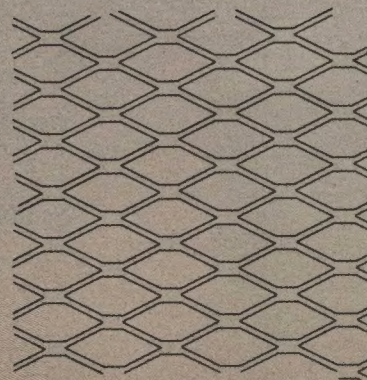
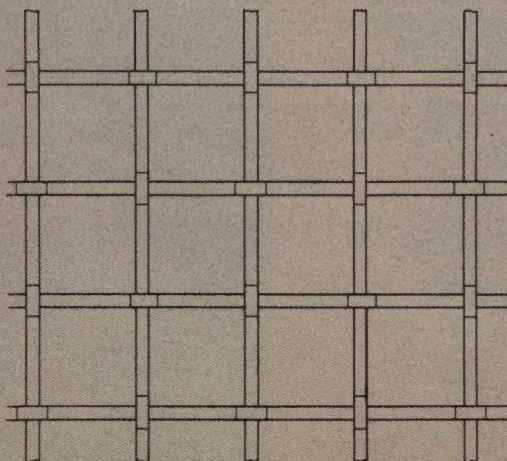
Scale: $\frac{3}{8}'' = 1' 0''$

CONNECTORS



SQUARE WIRE MESH

1' square
Mesh 1/8"
square wire
1 1/2" square
Mesh 3/16"
square wire
2" square mesh
1/4" square wire



EXPANDED ALUMINUM PANELS

1/4" x 1/2"
3/4" x 1 1/2"

Also Other Designs

FULL SIZE DETAILS
HAND RAILS AND POSTS

LIVERS
BRONZE

6e
Li



R-100



RP-200



R-101



P-301



P-300



R-102



P-303



P-302



R-103



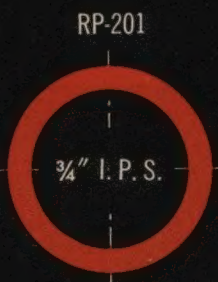
P-305



R-104

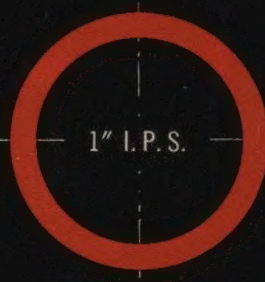


P-303 Step Post



RP-201

RP-202



1" I. P. S.



1 1/4" I. P. S.

RP-203



1 1/2" I. P. S.

RP-204

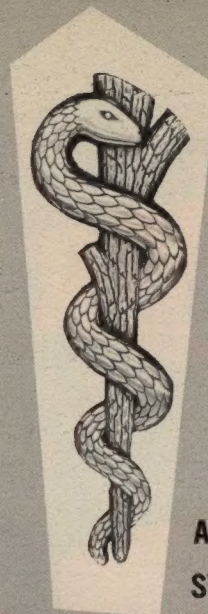
Plaques, Letters,
Emblems and Ornamental
Castings are Cast in
LIVERS Own Modern
Foundry and Skillfully
Finished to Your
Specifications.

MEDICAL EMBLEMS

325-A	•	24" High
325-B	•	36" High
325-C	•	96" High

326-A	•	24" High
326-B	•	36" High
326-C	•	48" High

These well modeled emblems
can be cast in either bronze or
aluminum at moderate cost.
Special sizes made on request.



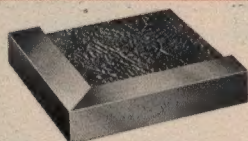
325

**AESCULAPIAN
STAFF**

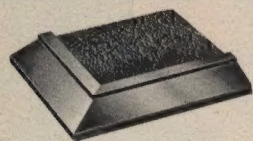


326

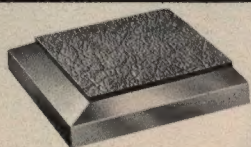
BORDER DESIGNS



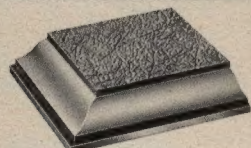
No. 300



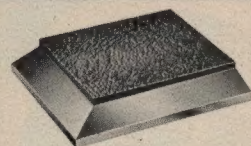
No. 301



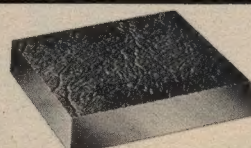
No. 302



No. 303



No. 304



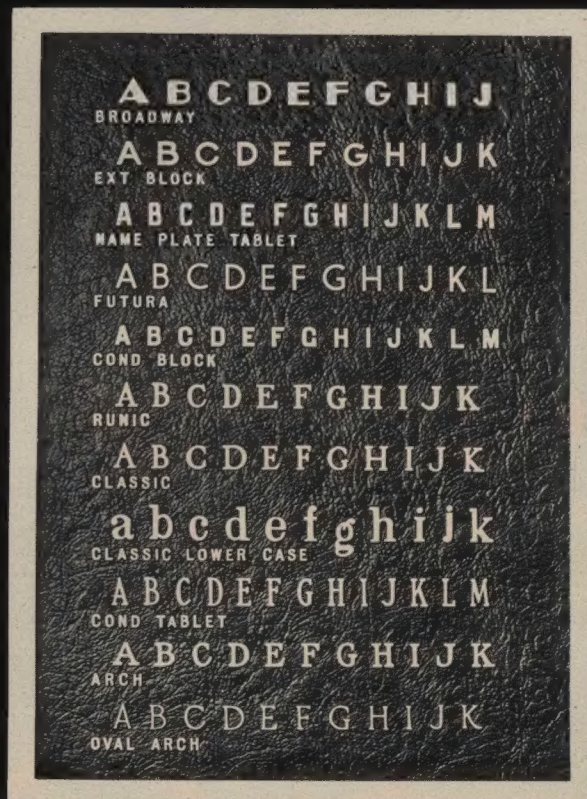
No. 305

PLAQUES

To specify or to order a plaque
use the following procedure:

1. Give height & width.
2. Select a border style from those at left.
3. Select a letter style from those shown at right.
4. Send in the inscription with a suggested layout.
5. Specify cast bronze or cast alum.
6. Finishes for bronze, satin or polished with a dark field & 2 coats clear lacquer.
7. Finishes for aluminum satin, etch & lacquer. Satin & alumi-lite. Field charcoal or natural.

Proof rubbings are forwarded
for checking & approval. De-
livery 3 weeks.



Letter sizes are as follows:

1/4	3/8	1/2	5/8	3/4
1	1 1/4	1 1/2	1 3/4	2

LIVERS FUTURA STYLE

FUT

BCT

6e
Li

LIVERS MODERN STYLE

A B C D E F G
H I J K L M N
O P Q R S T U
V W X Y Z 1 2

Ht.	Wdt. of Face	Depth	Avg. Wdt.
4½"	1"	¼"	3¼"
4"	¾"	¾"	3¼"
5"	1½"	¾"	4½"
12"	2½"	1¾"	9¾"
6"	1¼"	1"	4¾"
8"	1¾"	1¼"	6½"
10"	2½"	1"	8½"
10"	2½"	1¾"	8¼"
14"	3"	1½"	11"
16"	3¾"	2¼"	13"
18"	3¾"	2½"	14"
24"	5½"	3"	19"

Height	Face	Depth
4"	¾"	1"
6"	1"	1¼"
8"	1¼"	1¾"
10"	1½"	1¾"
12"	1¾"	1¾"
14"	1¾"	1¾"
16"	2"	2¼"

A B C D E F G
H I J K L M
N O P Q R S T
U V W X Y Z

LIVERS RIBBON STYLE

ANE

BRO

LIVERS BROADWAY STYLE

A B C D E F G
H I J K L M N
O P Q R S T U
V W X Y Z 1 2

Ht.	Wdt. of Face	Depth	Avg. Wdt.
2"	¼"	¾"	1½"
3"	¾"	1"	2"
4"	¾"	1½"	2¾"
5"	¾"	1¾"	3½"
6"	¾"	¾"	4"
6"	¾"	1½"	4"
6"	½"	2"	4"
6"	¾"	1¾"	4"
7"	¾"	2½"	4½"
8"	½"	2"	5"
8"	¾"	2"	5"
8"	¾"	3"	5"
9"	½"	2"	6"
10"	½"	2"	7"
10"	¾"	2¼"	7"
12"	¾"	2"	8"
14"	¾"	2½"	9"
16"	¾"	2¾"	10½"

Ht.	Wdt. of Face	Depth	Avg. Wdt.
3"	1½"	5/8"	2"
6"	½"-1"	¼"	5"
6"	1"-2"	1"	5"
8"	1"-2"	2"	7"
8"	1"-2½"	¾"	7"
10"	5/8"-2½"	¾"	8"
12"	1½"-3½"	1"	10"
14"	1¾"-4"	1"	12"
16"	2"-4½"	1"	14"

A B C D E F G
H I J K L M N
O P Q R S T U
V W X Y Z 1 2

LIVERS KABEL STYLE

EHK

AER

LIVERS ARCHITECTURAL STYLE

A B C D E F G
H I J K L M N
O P Q R S T U
V W X Y Z 1 2

Ht.	Wdt. of Face	Depth	Avg. Wdt.
2"	¼"	¼"	1½"
3"	½"	5/8"	2"
4"	¾"	¾"	2¾"
5"	¾"	½"	3½"
6"	¾"	½"	4"
8"	1¾"	5/8"	5"
10"	1½"	5/8"	7"
12"	1¾"	¾"	8"
14"	1¾"	¾"	9"
16"	2"	1½"	10"
18"	2¼"	1"	12"
20"	2¾"	1½"	13"

Ht.	Depth	Ht.	Depth
2"	¼"	7"	¼"
3"	¼"	8"	5/8"
4"	¼"	10"	½"
5"	¼"	12"	5/8"
6"	¼"	16"	¾"

A B C
D E F G
H I J K

LIVERS
BRONZE

EXTRUDED
ALUMINUM
SUNSHADE

AND
EYEBROW



DESCRIPTION

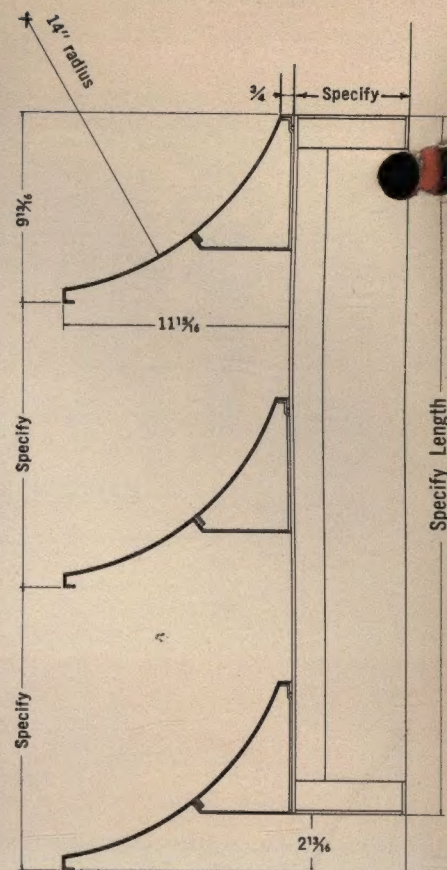
This big handsome louver does a real job of keeping all the sun rays out at all hours without requiring any movement. The big foot extension together with the graceful radius actually allows the person on the inside to get a good view of the outside.

CONSTRUCTION

Extruded aluminum blades and supporting frames. The blades are riveted into one strong unit. The frames can be adjusted to fit into any design. Distance from window to louver can be specified.

FINISH

Satin, Etched and Lacquered unless otherwise specified. Other finishes: Alumilite, Baked on Enamel—either outside, inside or both. A soft enamel color on inside gives a pleasant filtered light in the room.



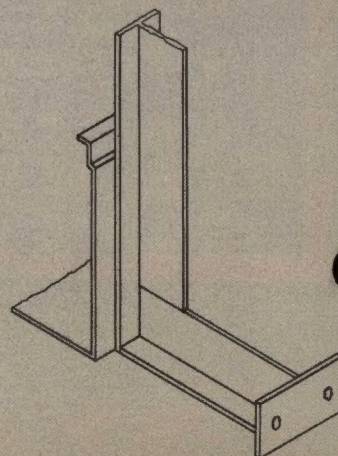
This big, bold shade adds a nice touch to your building—actually keeps interiors cooler.

Initial cost is low and there is no up-keep.

Quotations are given with or without installa-

tion by Livers Bronze.

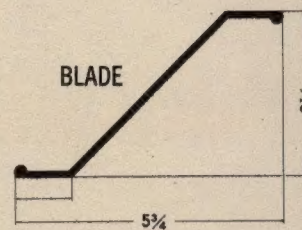
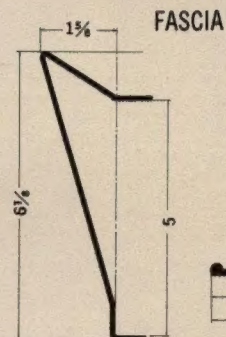
1 1/4"x1 3/4"x3/16 Aluminum Tee
Frame and Bracket



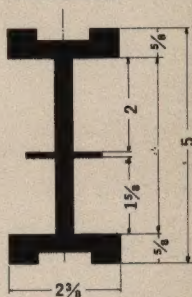


Series 60

Designed for a 5'-0" Extension and a 6'-0" Blade Span. Blades are riveted into 6'-0" sections and installed from the front as shown by the man in the upper left

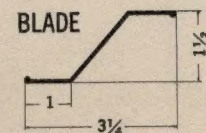
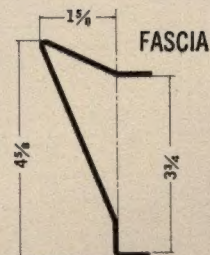


OUTRIGGER

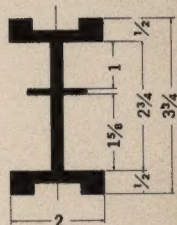


Series 42

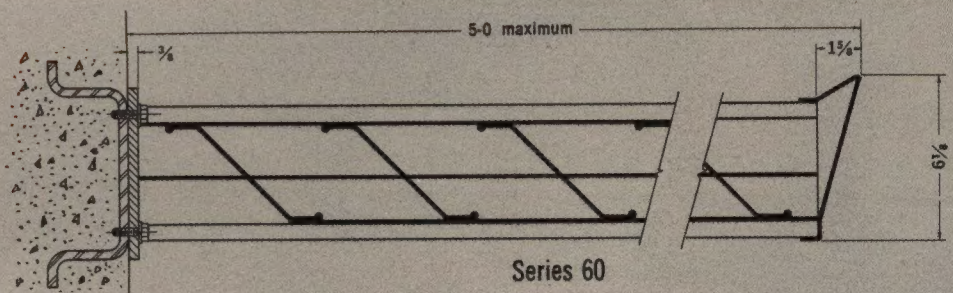
Designed for a 3' 6" extension and 4' 0" blade span



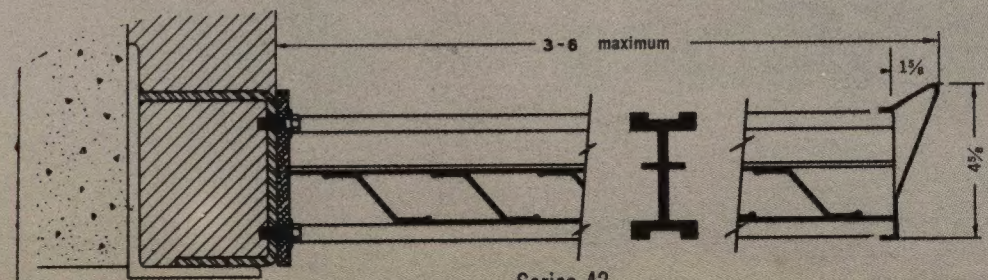
OUTRIGGER



Steel Anchors
Supplied by
Livers Bronze



Series 60

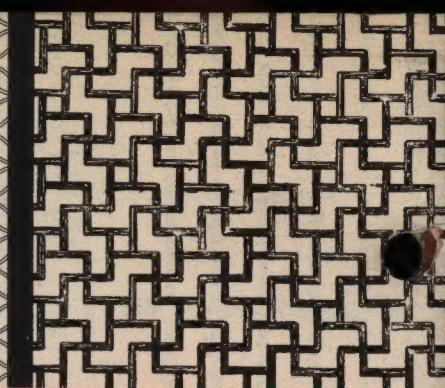


Series 42

ALUMINUM AND BRONZE GRILLAGE



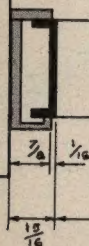
101



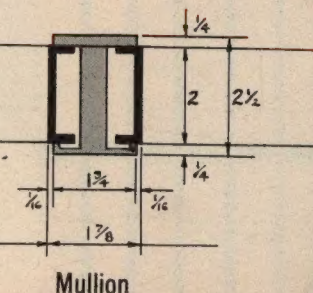
102

Jamb sill and Head

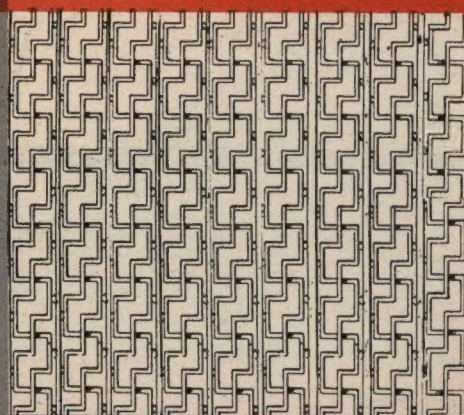
FRAMING SECTION



6'-0" MAXIMUM



Mullion



103



104

The Grill Designs illustrated are available in cast Aluminum, cast Bronze and fabricated patterns. Your own designs can be duplicated at slight additional cost. When used outside glass areas, specify a hinged movement to allow window washing.

FINISHES

Sandblast and lacquer. Satin Etched and lacquer. Satin Alumilite. Color Alumilite. Enameled.

Dress up Exteriors. Close open areas economically, screen openings for privacy. Add color to your building.



LIVERS BRONZE

1608 South Marsh, Kansas City 26, Missouri

Digitized by:



**ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL**

www.apti.org

**BUILDING
TECHNOLOGY
HERITAGE
LIBRARY**

<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:

**NATIONAL
BUILDING
ARTS
CENTER**

<http://web.nationalbuildingarts.org>